

GENTAG

NFC TAG FOR COUNTERFEIT PREVENTION, PHARMACEUTICAL AND GENERAL PRODUCT IDENTIFICATION

GT-100

Overview

- Passive technology (no battery)
- Very small
- Excellent read distance (proportional to its size)
- Permanent tag with expected life of over 10 years
- Ideal technology for embedding inside pharmaceutical bottles, high value items, etc.
- Consumers can directly read tags with NFC cell phones or PCs
- Tag ID and geolocation can be overlaid when using NFC cell phones, providing a double independent verification of counterfeit items prior to purchase or use



GENTAG offers this product with the following standard specifications

- Very small (diameter 11 mm, thickness 2 mm)
- Excellent read distance proportional to size
- Read on Metal option
- Resistant to repeated exposure to temperatures up to 180 degrees C
- Resistant to high temperature peaks or shock
- Resistant to high impact and pressures (tested up to 4,500 PSI)
- Resistant to vibrations, moisture and most harsh chemicals (solvents, oils, etc.)

Chip specifications

- 13.56 MHz, the most widely used HF standard worldwide
- Compatible with NFC cell phones
- 512 bit Memory is read – write and unique 64-bit ID
- Information can be stored on the tag or a remote web server
- Anti-collision supported (simultaneous reading of many tags)
- High reading speed
- Sealed in proprietary material

Other chip or specifications needed?

Special orders are possible for large volumes (prices may differ per chip type)

For example:

- Addition of sensors
- Custom ICs
- Chip with pass code protection
- Chip with larger memory

For more information contact GENTAG at:

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